



# National Weather Service

## Storm Data and Unusual Weather Phenomena



May 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm
					Killed	Injured	Property Crops	

### ATLANTIC NORTH

ANZ230	Boston Harbor							
Boston Light	14	1709EST			0	0		Marine Tstm Wind (G38)
ANZ236	Narragansett Bay							
Bristol Harbor	14	1724EST			0	0		Marine Tstm Wind (G37)
ANZ234	Buzzards Bay							
Bzzrds Bay Ent Tower	14	1745EST			0	0		Marine Tstm Wind (G40)
ANZ231	Cape Code Bay							
Race Point	14	1752EST			0	0		Marine Tstm Wind (G34)
ANZ250	Merrimack River Ma And Out 20Nm To Plymouth Ma And Out 40Nm							
Stellwagen Bank	14	1800EST			0	0		Marine Tstm Wind (G34)
ANZ230	Boston Harbor							
Boston Light	14	1839EST			0	0		Marine Tstm Wind (G41)
ANZ250	Merrimack River Ma And Out 20Nm To Plymouth Ma And Out 40Nm							
Stellwagen Bank	31	1715EST			0	0		Marine Tstm Wind (G34)
	Radar estimated wind gust							

### CONNECTICUT, Northeast

Hartford County								
South Windsor	31	1540EST			0	0	0	Hail(0.75)
Hartford County								
Burlington to West Hartford	31	1650EST 1712EST			0	0	4K	Hail(1.50)
Hartford County								
Windsor	31	1659EST			0	0	4K	Thunderstorm Wind (G50)
Tolland County								
Vernon to Tolland	31	1715EST 1722EST			0	0	0	Hail(0.75)
Tolland County								
Stafford Spgs	31	1718EST			0	0	2K	Thunderstorm Wind (G53) <sup>M</sup>
Hartford County								
Windsor	31	1725EST			0	0	2K	Thunderstorm Wind (G50)
Windham County								
Ashford	31	1730EST			0	0	2K	Thunderstorm Wind (G50)
Windham County								
Willimantic	31	1805EST			0	0	0	Hail(0.75)

The season's first widespread severe weather event downed trees and wires throughout Hartford, Tolland, and Windham Counties. A spotter in Stafford Springs measured a wind gust to 61 mph as the storms moved through. Golf ball sized hail was reported in Burlington, and quarter sized hail fell in West Hartford. Dime sized hail fell in South Windsor, Vernon, Tolland, and Willimantic

### MASSACHUSETTS, Central and East

MAZ004>005-007-012-014	Northern Worcester - Western Middlesex - Eastern Essex - Southern Worcester - Southeast Middlesex							
03	1100EST 2100EST				0	0	27K	High Wind (G65) <sup>M</sup>

Gusty west winds downed trees, wires, and caused damage to several homes in Worcester, Middlesex, and coastal Essex counties, as a deep low pressure system moves through southern Canada. The damage was most widespread in Framingham, with more than a dozen reports of downed trees and wires throughout town. In Salem, winds gusted as high as 75 mph and blew out a window in a building at Salem State College. Damage was also reported in Natick, Southborough, Waltham, and Lunenburg. About 5,000



# National Weather Service

## Storm Data and Unusual Weather Phenomena



May 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

### MASSACHUSETTS, Central and East

electric customers lost power because of the high winds. No injuries were reported.

Middlesex County									
Holliston to Hopkinton	27	1539EST 1550EST			0	0	0		Hail(1.75)
Norfolk County									
Medfield to Dover	27	1601EST			0	0	0		Hail(1.00)
Middlesex County									
Ashland	27	1605EST			0	0	0		Hail(0.75)
Middlesex County									
Sherborn	27	1605EST			0	0	200K		Lightning
Norfolk County									
Dover	27	1620EST			0	0	0		Hail(1.25)
Worcester County									
Southborough	27	1653EST			0	0	0		Hail(0.88)
Worcester County									
Southborough	27	1730EST			0	0	10K		Lightning
Worcester County									
Northborough	27	1735EST			0	0	0		Hail(0.75)
Middlesex County									
Marlborough	27	1800EST			0	0	10K		Lightning
Middlesex County									
Marlborough to Hudson	27	1803EST 1805EST			0	0	0		Hail(1.00)

Isolated severe thunderstorms produced large hail in Worcester, Middlesex, and Norfolk Counties. Golf ball sized hail was reported in Hopkinton, while hail the size of quarters fell in Marlborough, Dover and Medfield. Dime sized hail was reported in Holliston, Ashland, Hudson, and Northborough.

Lightning from the thunderstorms struck a school in Southboro, and destroyed a home in Sherborn. In Ashland, lightning downed a power line and two firefighters were indirectly injured as a result, when they touched a fence which was electrified by the downed wire.

Norfolk County									
Plainville	28	0800EST			0	0	15K		Lightning
Hampshire County									
Worthington Corners	28	1500EST			0	0			Hail(0.88)

Lightning struck a home in Plainville as thunderstorms moved through eastern Massachusetts during the morning, igniting a fire in the attic which caused damage to the home's electrical system. During the afternoon, an isolated severe thunderstorm produced nickel sized hail in Worthington.

Franklin County									
Bernardston to Greenfield	31	1545EST			0	0	4K		Thunderstorm Wind (G50)
Hampshire County									
Plainfield to Easthampton	31	1545EST 1640EST			0	0	8K		Thunderstorm Wind (G50)
Hampden County									
Springfield	31	1600EST			0	0	2K		Thunderstorm Wind (G50)
Worcester County									
Winchendon	31	1635EST			0	0	2K		Thunderstorm Wind (G50)



# National Weather Service

## Storm Data and Unusual Weather Phenomena



May 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

### MASSACHUSETTS, Central and East

#### Middlesex County

Townsend	31	1658EST			0	0	2K		Thunderstorm Wind (G50)
----------	----	---------	--	--	---	---	----	--	-------------------------

#### Essex County

Amesbury to Salisbury	31	1707EST 1710EST			0	0	4K		Thunderstorm Wind (G50)
--------------------------	----	--------------------	--	--	---	---	----	--	-------------------------

#### Hampden County

Holyoke	31	1710EST			0	0	3K		Thunderstorm Wind (G50)
---------	----	---------	--	--	---	---	----	--	-------------------------

#### Worcester County

Gardner	31	1800EST			0	0	0		Hail(0.75)
---------	----	---------	--	--	---	---	---	--	------------

The season's first widespread severe weather event downed trees and wires throughout a large part of western, central, and northeast Massachusetts. Damage was reported in many towns from the east slopes of the Berkshires across Worcester County and into Essex County, but was most concentrated in Franklin, Hampshire, and Hampden Counties. Northampton was especially hard hit, with many large trees and power lines down. About 3,100 electric customers lost power due to the storms.

### NEW HAMPSHIRE, Southern

#### Hillsborough County

Hudson	27	1826EST			0	0	0		Hail(1.00)
--------	----	---------	--	--	---	---	---	--	------------

An isolated severe thunderstorm produced quarter sized hail in Hudson.

#### Cheshire County

Walpole to Sullivan	31	1500EST 1510EST			0	0	5K		Thunderstorm Wind (G50)
------------------------	----	--------------------	--	--	---	---	----	--	-------------------------

#### Cheshire County

Jaffrey to Jaffrey Arpt	31	1535EST 1540EST			0	0	0		Hail(1.00)
----------------------------	----	--------------------	--	--	---	---	---	--	------------

#### Hillsborough County

Manchester	31	1550EST			0	0	2K		Thunderstorm Wind (G50)
------------	----	---------	--	--	---	---	----	--	-------------------------

#### Hillsborough County

Bedford	31	1610EST			0	0	0		Hail(0.75)
---------	----	---------	--	--	---	---	---	--	------------

#### Hillsborough County

Milford to Wilton	31	1630EST			0	0	2K		Thunderstorm Wind (G50)
----------------------	----	---------	--	--	---	---	----	--	-------------------------

#### Hillsborough County

Milford	31	1725EST			0	0	2K		Thunderstorm Wind (G50)
---------	----	---------	--	--	---	---	----	--	-------------------------

#### Hillsborough County

Merrimack	31	1750EST			0	0	3K		Thunderstorm Wind (G50)
-----------	----	---------	--	--	---	---	----	--	-------------------------

The season's first widespread severe weather event downed trees, wires, and produced hail as large as quarters across Cheshire and Hillsborough Counties. About 15,000 electric customers were left without power after the storms moved through, with the majority of the outages reported in Manchester.

### RHODE ISLAND

#### Providence County

Lincoln	31	2130EST			0	0	100K		Lightning
---------	----	---------	--	--	---	---	------	--	-----------

Lightning struck a house in Lincoln and ignited a fire that caused approximately \$100,000 in damage.